

CURRENT LISTING OF THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1           1.       (Previously Presented) A method of performing wireless communications,  
2 comprising:  
3               communicating bearer traffic for a packet-switched communications session  
4 between a mobile station and a first base station associated with a first type of wireless system;  
5               determining if handoff is required from the first base station to a second base  
6 station associated with a second, different type of wireless system; and  
7               in response to determining that the handoff is required, sending a message from  
8 the first base station to the second base station, the message indicating to the second base station  
9 that handoff is required.

1           2.       (Cancelled)

1           3.       (Original) The method of claim 1, wherein the first base station comprises an IS-  
2 2000 base station, and wherein communicating the bearer traffic comprises communicating the  
3 bearer traffic between the mobile station and the IS-2000 base station.

1           4.       (Original) The method of claim 3, wherein determining if handoff is required  
2 from the first base station to the second base station comprises determining if handoff is required  
3 from the IS-2000 base station to a 1xEV access network.

1           5.       (Original) The method of claim 3, wherein determining if handoff is required  
2 from the first base station to the second base station comprises determining if handoff is required  
3 from the IS-2000 base station to a High Data Rate (HDR) access network.

1           6.       (Original) The method of claim 1, wherein the first base station comprises a High  
2 Data Rate access network, and wherein communicating the bearer traffic comprises  
3 communicating the bearer traffic between the mobile station and the High Data Rate access  
4 network.

1           7.       (Original) The method of claim 6, wherein determining if handoff is required  
2 from the first base station to the second base station comprises determining if handoff is required  
3 from the High Data Rate access network to an IS-2000 base station.

1           8.       (Original) The method of claim 1, wherein the first base station comprises a  
2 1xEV access network, and wherein communicating the bearer traffic comprises communicating  
3 the bearer traffic between the mobile station and the 1xEV access network.

1           9.       (Original) The method of claim 8, wherein determining if handoff is required  
2 from the first base station to the second base station comprises determining if handoff is required  
3 from the 1xEV access network to an IS-2000 base station.

1           10. – 11. (Cancelled)

1           12.       (Previously Presented) The method of claim 1, further comprising sending  
2 another message from the second base station to the first base station to initiate a handoff  
3 procedure.

1           13.       (Previously Presented) The method of claim 12, further comprising sending a  
2 further message from the first base station to the second base station to indicate that the mobile  
3 station has been directed to hand off to the second base station.

1           14.       (Previously Presented) The method of claim 1, wherein sending the message  
2 comprises sending the message over a link between the first base station and the second base  
3 station.

1           15.       (Previously Presented) The method of claim 1, further comprising performing a  
2 hard handoff between the first base station and the second base station.

1           16.   (Original) An apparatus associated with a first base station system that performs  
2 wireless communications according to a first protocol, the apparatus comprising:  
3                   an interface to a second base station system that performs wireless  
4 communications according to a second, different protocol; and  
5                   a controller adapted to communicate bearer traffic for a packet-switched  
6 communications session with a mobile station,  
7                   the controller adapted to further exchange messaging with the second base station  
8 system through the interface to perform a handoff of the packet-switched communications  
9 session from the first base station system to the second base station system.

1           17.   (Original) The apparatus of claim 16, wherein the controller is adapted to  
2 perform the handoff by performing a hard handoff.

1           18.   (Original) The apparatus of claim 16, wherein the controller is adapted to  
2 communicate bearer traffic according to IS-2000 format with the mobile station.

1           19.   (Original) The apparatus of claim 18, wherein the second base station system  
2 comprises a High Data Rate base station, and wherein the controller is adapted to exchange the  
3 messaging with the High Data Rate base station.

1           20.   (Original) The apparatus of claim 18, wherein the second base station system  
2 comprises a 1xEV base station, and wherein the controller is adapted to exchange the messaging  
3 with the 1xEV base station.

1           21.   (Previously Presented) The apparatus of claim 16, wherein the controller is  
2 adapted to exchange the messaging by sending a message indicating that a handoff is required to  
3 the second base station system through the interface.

1           22.   (Original) The apparatus of claim 21, wherein the controller is adapted to  
2 exchange the messaging by receiving a message initiating the handoff procedure.

1           23.   (Original) The apparatus of claim 22, wherein the controller is adapted to send a  
2 further message from the first base station system to the second base station system to indicate  
3 that the mobile station has been directed to hand off to the second base station system.

1           24.   (Original) An article comprising at least one storage medium containing  
2 instructions that when executed cause a first base station system to:  
3               exchange signaling according to a first protocol with a mobile station to establish  
4 a packet-switched communications session between the mobile station and another endpoint;  
5               determine if a handoff is required to a second base station system that performs  
6 wireless communications according to a second, different protocol; and  
7               exchange messaging with the second base station system through a link between  
8 the first and second base station systems to perform the handoff.

1           25.   (Original) The article of claim 24, wherein the first base station comprises an IS-  
2 2000 base station, and wherein the instructions when executed cause the first base station system  
3 to exchange IS-2000 signaling with the mobile station.

1           26.   (Original) The article of claim 25, wherein the instructions when executed cause  
2 the first base station system to determine if handoff is required by determining if handoff is  
3 required from the IS-2000 base station to one of a 1xEV access network and a High Data Rate  
4 (HDR) access network.

1           27.   (Original) The article of claim 24, wherein the first base station comprises one of  
2 a High Data Rate (HDR) access network and a 1xEV access network, and wherein the  
3 instructions when executed cause the first base station system to exchange one of High Data Rate  
4 (HDR) signaling and 1xEV signaling with the mobile station.

1           28.   (Original) The article of claim 27, wherein the instructions when executed cause  
2 the first base station system to determine if handoff is required by determining if handoff is  
3 required from the one of a High Data Rate (HDR) access network and 1xEV access network to a  
4 IS-2000 base station.

1           29.   (Previously Presented) The article of claim 24, wherein the instructions when  
2   executed cause the first base station system to exchange the messaging by sending a message to  
3   the second base station system indicating that a handoff is required.

1           30.   (Previously Presented) The method of claim 1, wherein sending the message  
2   comprises sending the message over a link that directly connects the first base station and second  
3   base station.

1           31.   (Previously Presented) The apparatus of claim 16, wherein the interface allows  
2   the messaging to be sent from the first base station system directly to the second base station  
3   system.

1           32.   (Previously Presented) The article of claim 24, wherein exchanging the  
2   messaging with the second base station through the link comprises exchanging the messaging  
3   with the second base station through the link that directly connects the first base station system to  
4   the second base station system.